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Product Approval
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FL #	FL39630-R5								
Application Type	Revision								
Code Version	2023								
Application Status	Approved								
Comments									
Archived	☐								
Product Manufacturer	Eco Window Systems								
Address/Phone/Email	8502 NW 80th Street Suite 103 Medley, FL 33166 (305) 885-5299 carlos.martinez@ecowindowsystems.com								
Authorized Signature	Carlos Martinez carlos.martinez@ecowindowsystems.com								
Technical Representative	Carlos Martinez								
Address/Phone/Email	8502 NW 80th Street #103 Medley, FL 33166 (786) 307-2474 carlos.martinez@ecowindowsystems.com								
Quality Assurance Representative									
Address/Phone/Email									
Category	Exterior Doors								
Subcategory	Swinging Exterior Door Assemblies								
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer ☐ Evaluation Report - Hardcopy Received								
Florida Engineer or Architect Name who developed the Evaluation Report	Javad Ahmad								
Florida License	PE-70592								
Quality Assurance Entity	Keystone Certifications, Inc.								
Quality Assurance Contract Expiration Date	12/31/2032								
Validated By	Ammad Riaz, P.E. ☒ Validation Checklist - Hardcopy Received								
Certificate of Independence	FL39630 R5 COI Certificate of Independence JA-PE.pdf								
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th>Standard</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>TAS 201</td> <td>1994</td> </tr> <tr> <td>TAS 202</td> <td>1994</td> </tr> <tr> <td>TAS 203</td> <td>1994</td> </tr> </tbody> </table>	Standard	Year	TAS 201	1994	TAS 202	1994	TAS 203	1994
Standard	Year								
TAS 201	1994								
TAS 202	1994								
TAS 203	1994								
Equivalence of Product Standards Certified By									
Sections from the Code									

Product Approval Method

Method 1 Option D

Date Submitted

12/13/2024

Date Validated

01/06/2025

Date Pending FBC Approval

01/07/2025

Date Approved

02/11/2025

Summary of Products

FL #	Model, Number or Name	Description
39630.1	Series 1500 Aluminum Outswing & Inswing Pivot Door	Large Missile Impact Resistant Aluminum Pivot Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630_R5_II_SERIES_1500_PIVOT_DOOR-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630_R5_AE_ECO_1500-Pivot_Door-LMI-PA_EVR.pdf Created by Independent Third Party: Yes
39630.2	Series 600 Aluminum Outswing Entrance Door	Large Missile Impact Resistant Aluminum Outswing Entrance Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630_R5_II_SERIES_600_OUTSWING_ENT_DOOR-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630_R5_AE_ECO_600-Outswing_Ent_Door-LMI-PA_EVR.pdf Created by Independent Third Party: Yes
39630.3	Series 600 Aluminum Outswing Entrance Door	Non-Impact Resistant Aluminum Outswing Entrance Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630_R5_II_SERIES_600_OUTSWING_ENT_DOOR-NI-JA-1844-24-SS.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630_R5_AE_ECO_600-Outswing_Ent_Door-NI-PA_EVR.pdf Created by Independent Third Party: Yes
39630.4	Series 600 Aluminum Outswing Entrance Door	Small Missile Impact Resistant Aluminum Outswing Entrance Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630_R5_II_SERIES_600_OUTSWING_ENT_DOOR-SMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630_R5_AE_ECO_600-Outswing_Ent_Door-SMI-PA_EVR.pdf Created by Independent Third Party: Yes
39630.5	Series 650 Aluminum Outswing Entrance Door	Large Missile Impact Resistant Aluminum Outswing Entrance Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630_R5_II_SERIES_650_OUTSWING_ENT_DOOR-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630_R5_AE_ECO_650-Outswing_Ent_Door-LMI-PA_EVR.pdf Created by Independent Third Party: Yes

39630.6	Series 800 Aluminum Outswing Entrance Door	Large Missile Impact Resistant Aluminum Outswing Entrance Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630 R5 II SERIES 800 OUTSWING ENT DOOR-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630 R5 AE ECO 800-Outswing_Ent Door-LMI-PA_EVR.pdf Created by Independent Third Party: Yes
39630.7	Series 810 Aluminum Outswing Entrance Door	Large Missile Impact Resistant Aluminum Outswing Entrance Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630 R5 II SERIES 810 OUTSWING ENT DOOR-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630 R5 AE ECO 810-Outswing_Ent Door-LMI-PA_EVR.pdf Created by Independent Third Party: Yes
39630.8	Series 845 Aluminum Outswing Entrance Door	Large Missile Impact Resistant Aluminum Outswing Entrance Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630 R5 II SERIES 845 OUTSWING ENT DOOR-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630 R5 AE ECO 845-Outswing_Ent Door-LMI-PA_EVR.pdf Created by Independent Third Party: Yes
39630.9	Series 950 Aluminum Outswing Entrance Door	Large Missile Impact Resistant Aluminum Outswing Entrance Door.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the enclosed documents for product performance information, anchorage details, and anchor type, size, and spacing information.		Installation Instructions FL39630 R5 II SERIES 950 OUTSWING ENT DOOR-LMI-JA-1844-24-SS1.pdf Verified By: Javad Ahmad PE-70592 Created by Independent Third Party: Yes Evaluation Reports FL39630 R5 AE ECO 950-Outswing_Ent Door-LMI-PA_EVR.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:



INSTRUCTIONS:
USE DRAWING AS FOLLOWS

1. SELECT SINGLE OR DOUBLE DOORS FROM SHEET 2 OR SINGLE OR DOUBLE DOORS WITH TRANSOM FROM SHEET 3.
2. SELECT DOOR AND FRAME SIZE
3. DETERMINE DP RATING FROM SHEET 2 OR 3.
4. SELECT GLASS TYPE A OR A1 FROM SHEET 1.
5. SELECT LOCK OPTION AND CORRESPONDING MAX. SIZE FROM SHEET 8.
6. SELECT ANCHORING CONDITION AND CORRESPONDING ANCHOR TYPES FROM SHEET 4 THRU 7.

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES 800 COMMERCIAL
ALUMINUM OUT-SWING DOOR

DOORS CAN ALSO BE USED WITH ECO WINDOW'S FBC APPROVED SERIES 400 WINDOW WALL SYSTEM (UNDER SEPARATE APPROVAL). FOR DOORS WITH WINDOW WALL SYSTEM SEE SEPARATE APPROVAL FOR DOOR MULLION CAPACITY AND ANCHORING REQUIREMENTS. THE LOWEST VALUE RESULTING FROM DOOR CAPACITY OR WINDOW WALL APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DOOR APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

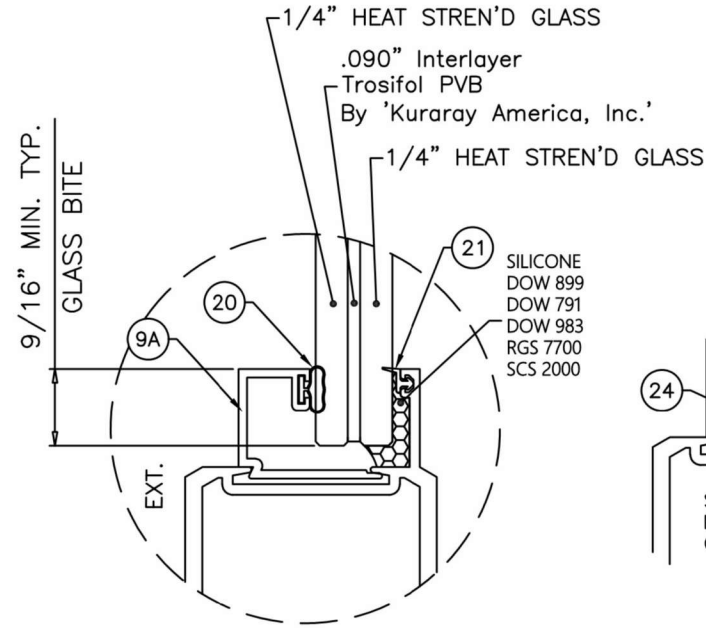
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE & ADOPTED STANDARDS.

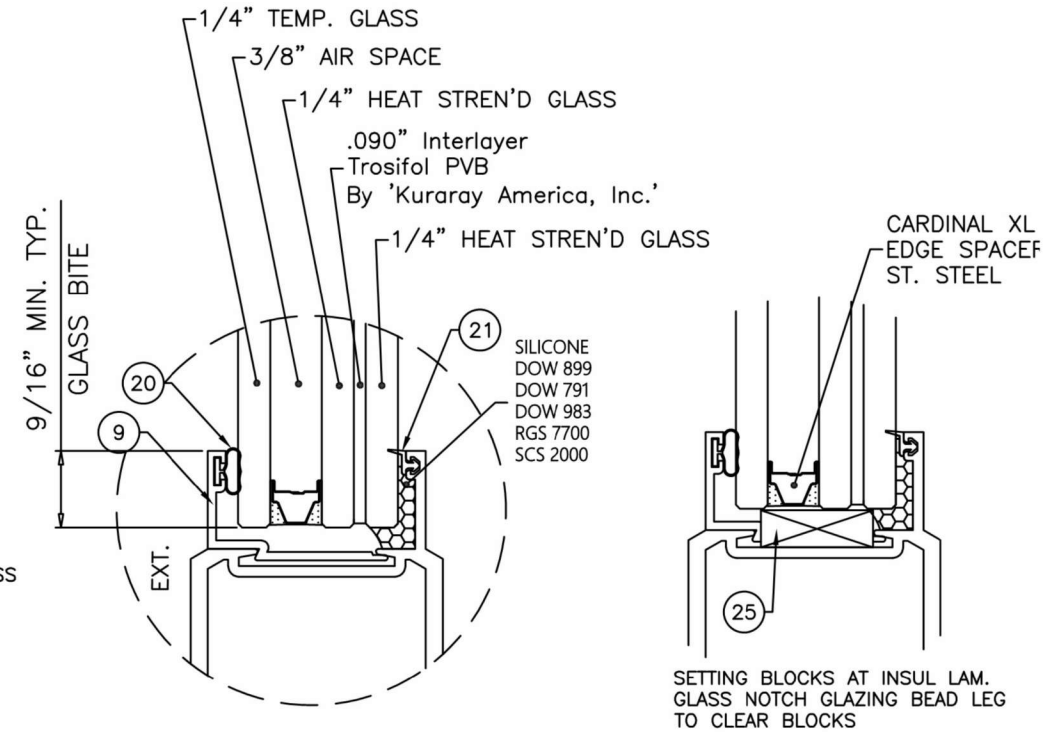
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL

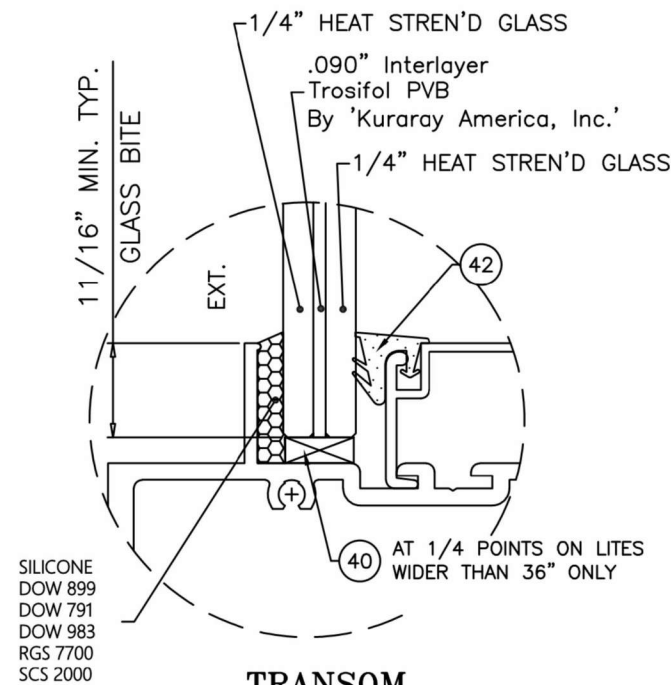
DESIGN LOAD SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.



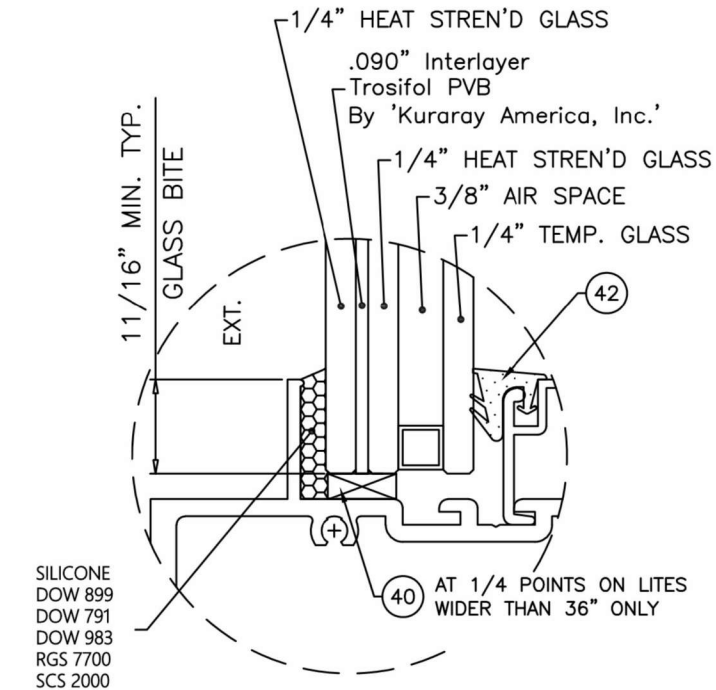
DOOR LEAF
GLASS TYPE 'A'



DOOR LEAF
GLASS TYPE 'A1'



TRANSOM
GLASS TYPE 'A'



TRANSOM
GLASS TYPE 'A1' (REVERSE)

GLAZING OPTIONS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)

FL#39630.6



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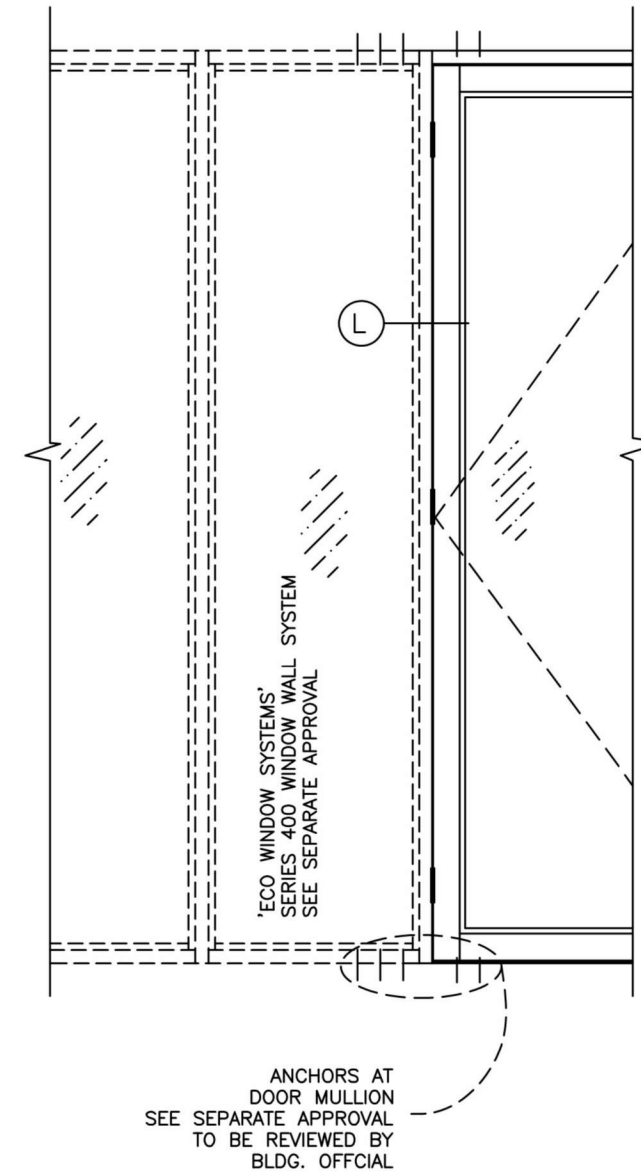
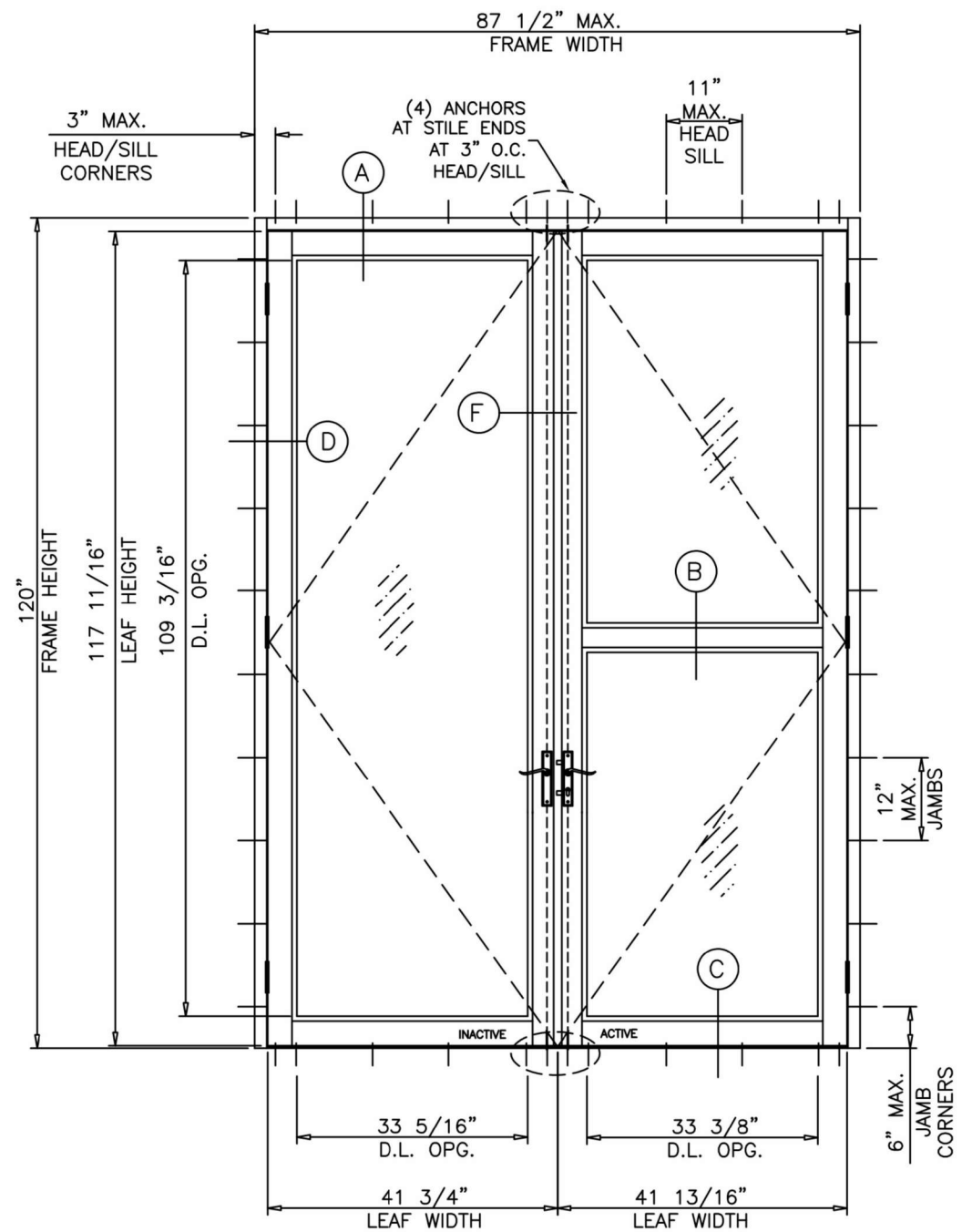
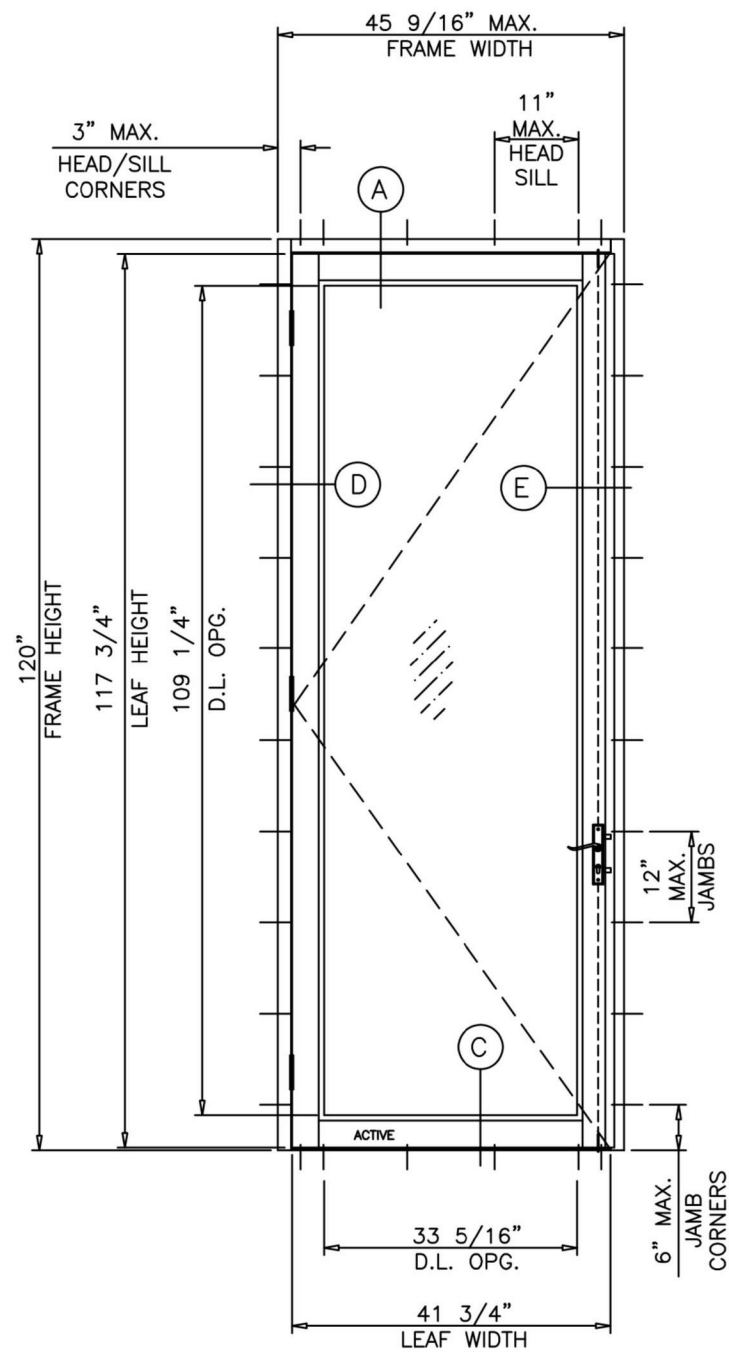
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MA	BS	drawn by:	check by:	REVISION	DESCRIPTION
JA-1844-24	12/30/2024			BY	
				DATE	
				No.	

SERIES 800: ALUMINUM OUTSWING ENTRANCE DOOR (L.M.I.) LARGE MISSILE IMPACT RATED	 window systems ECO WINDOW SYSTEMS, LLC. 8502 N.W. 80th ST. MEDLEY, FL 33166 TEL. (305) 885-5299 FAX. (305) 885-5902
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TYPICAL ELEVATIONS

SINGLE DOOR LOAD CAPACITY - PSF					
DOOR DIMS.		LOCK OPTIONS			
		#1 & #2		#3	
FRAME WIDTH	FRAME HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
42-9/16"	108"	80.0	80.0	80.0	80.0
45-9/16"	120"	70.0	70.0	-	-

DOUBLE DOOR LOAD CAPACITY - PSF					
DOOR DIMS.		LOCK OPTIONS			
		#1 & #2		#3	
FRAME WIDTH	FRAME HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
81-1/2"	108"	80.0	80.0	80.0	80.0
87-1/2"	120"	70.0	70.0	-	-

FOR SIZES NOT SHOWN,
ROUND UP TO THE NEXT
AVAILABLE WIDTH OR
HEIGHT DIMENSION SHOWN
ON THE TABLE.

GLASS D.L.O. FORMULAE: (DOOR)

D.L.O. WIDTH = FRAME WIDTH - 12.250" (X DOORS)

D.L.O. WIDTH = (FRAME WIDTH - 20.875")/2 (XX DOORS)

D.L.O. HEIGHT (ADA THRESHOLD) = FRAME HEIGHT - 10.750" (4-1/4" BOTTOM RAIL)

= FRAME HEIGHT - 16.500" (10" BOTTOM RAIL)

DOOR LEAF HEIGHT = FRAME HEIGHT - 2.250"

SEE SHEET 4 FOR WATER INFILTRATION RESISTANCE LIMITS



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No.	DATE	BY	DESCRIPTION

SERIES 800: ALUMINUM OUTSWING ENTRANCE DOOR
(L.M.I.)
LARGE MISSILE IMPACT RATED



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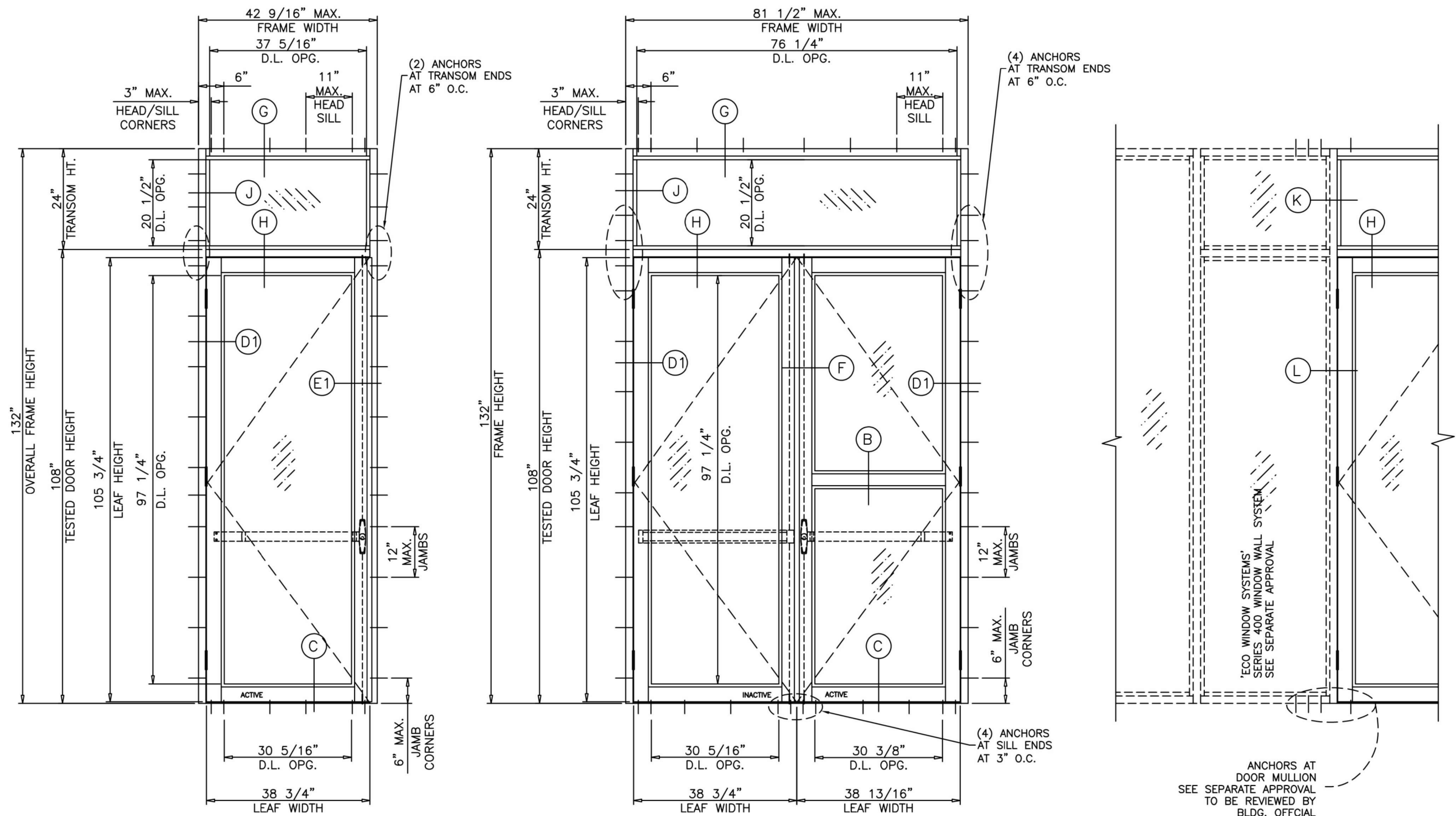


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02

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TYPICAL ELEVATION

SINGLE DOOR WITH TRANSOM LOAD CAPACITY - PSF						
DOOR DIMS.			LOCK OPTIONS			
			#1 & #2		#3	
FRAME WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
42-9/16"	108"	24"	70.0	80.0	70.0	80.0
45-9/16"	120"	12"	70.0	70.0	-	-

GLASS D.L.O. FORMULAE: (TRANSOM)
D.L.O. WIDTH = FRAME WIDTH - 5.250"
D.L.O. HEIGHT = TRANSOM HEIGHT - 5.250"

DOUBLE DOOR WITH TRANSOM LOAD CAPACITY - PSF						
DOOR DIMS.			LOCK OPTIONS			
			#1 & #2		#3	
FRAME WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
81-1/2"	108"	24"	70.0	80.0	70.0	80.0
81-1/2"	120"	12"	70.0	70.0	-	-

FOR SIZES NOT SHOWN,
ROUND UP TO THE NEXT
AVAILABLE WIDTH OR
HEIGHT DIMENSION SHOWN
ON THE TABLE.



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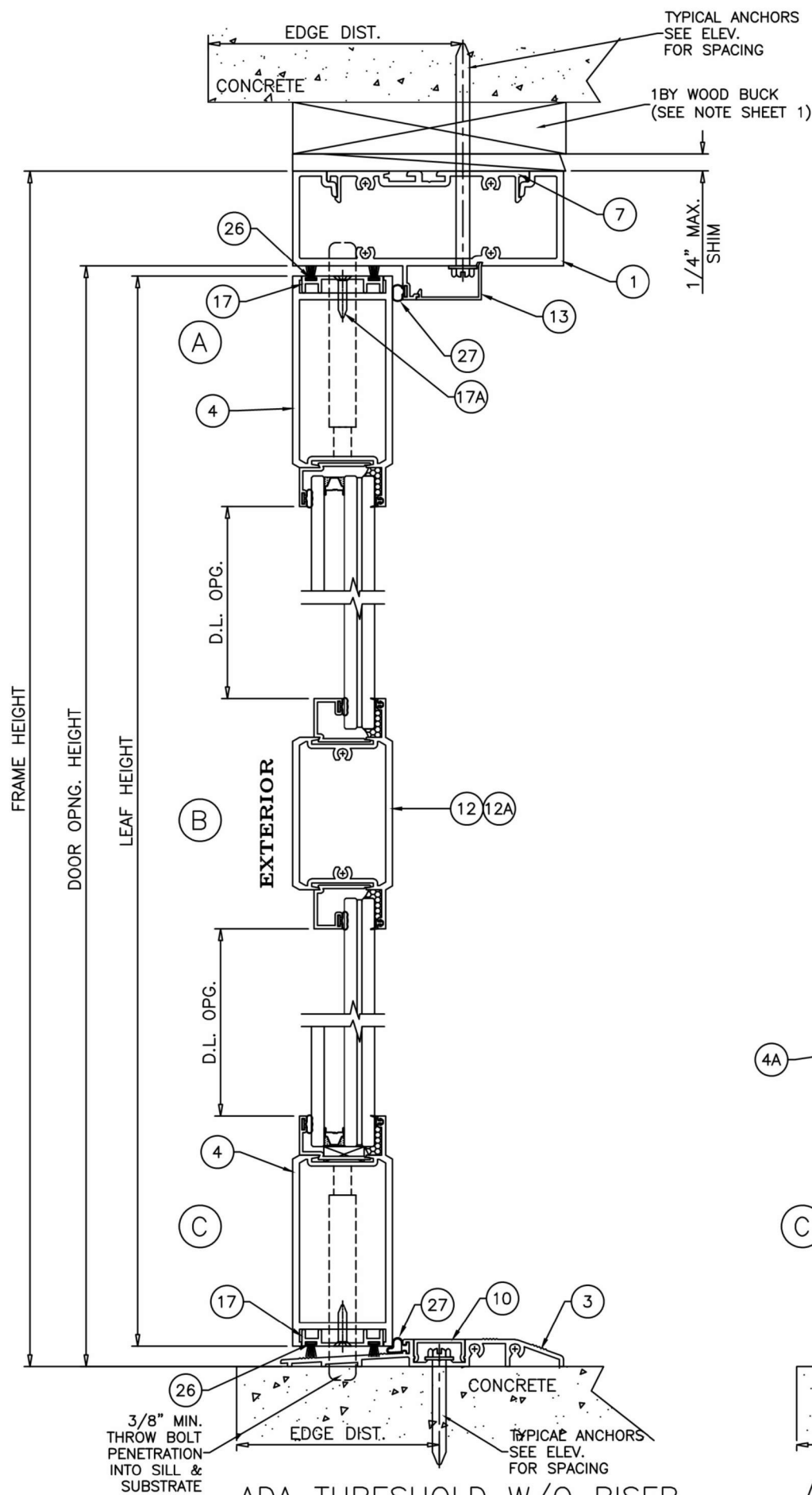
drawing no.	MA	drawn by:	BS
JA-1844-24			
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SERIES 800: ALUMINUM OUTSWING ENTRANCE DOOR (L.M.I.)
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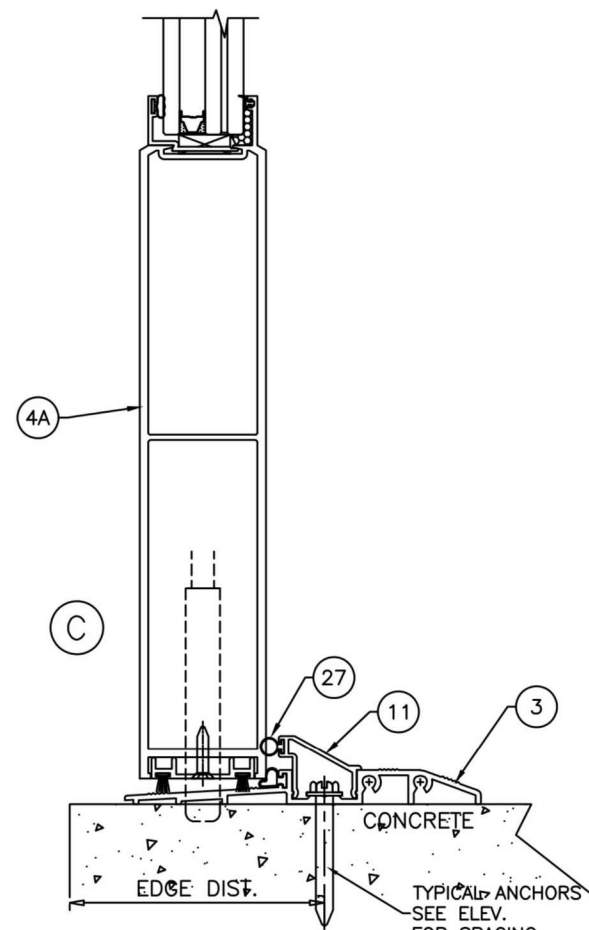
ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902

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ADA THRESHOLD W/O RISER
 APPR'D FOR WATER INFILTRATION RESISTANCE
 LIMIT MAX. POS. LOADS TO +42.5 PSF
 (MEETS ADA REQUIREMENTS)



ADA THRESHOLD WITH RISER
 APPR'D FOR WATER INFILTRATION RESISTANCE
 LIMIT MAX. POS. LOADS TO +53.5 PSF
 (DOES NOT MEET ADA REQUIREMENTS)

NOTE:
 DOORS WITH ADA THRESHOLD AND HEIGHTS GREATER THAN 108"
 ARE NOT RATED FOR WATER INFILTRATION.

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REVISION			
No.	DATE	BY	DESCRIPTION

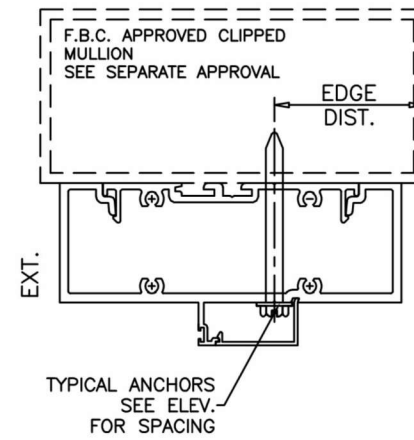
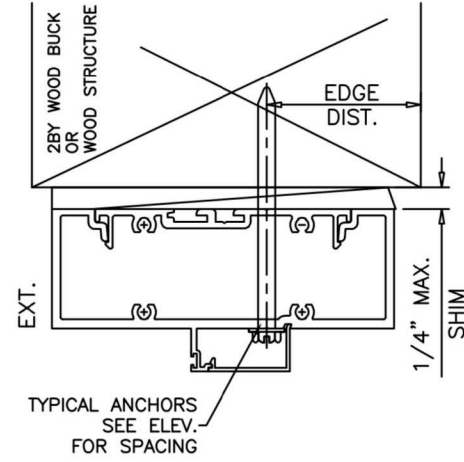
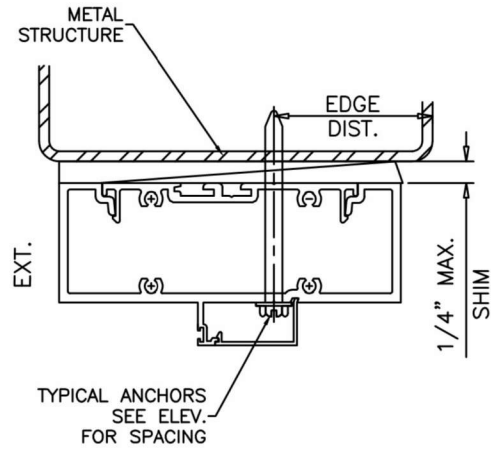
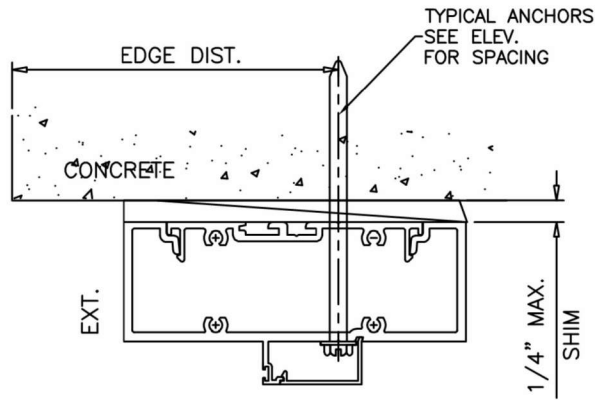
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1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'ECO WDW.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
1/4" DeWalt UltraCon +	Head/Jambs	Southern Pine (SG = 0.55)	1"	1-1/2"
	Head/Jambs	Thru 1BY Buck into Concrete (min. 3 ksi)	2-1/2"	1-1/4"
	Jambs	Thru 1BY Buck into Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
	All	Concrete (min. 3ksi)	2-1/2"	1-1/4"
	Jambs	Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
#14 SMS or Self Drilling Screws (Gr. 2)	All	F.B.C Approved Mullions	1/2"	(3) Threads min. beyond metal thickness
	Head/Jambs	Aluminum 1/8" Thk. Min. (6063-T5)	1/2"	(3) Threads min. beyond metal thickness
	Head/Jambs	Steel 1/8" Thk. Min. (min. 36 ksi)	1/2"	(3) Threads min. beyond metal thickness

- STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED
- ALL ANCHOR HEAD TYPES ARE ACCEPTABLE



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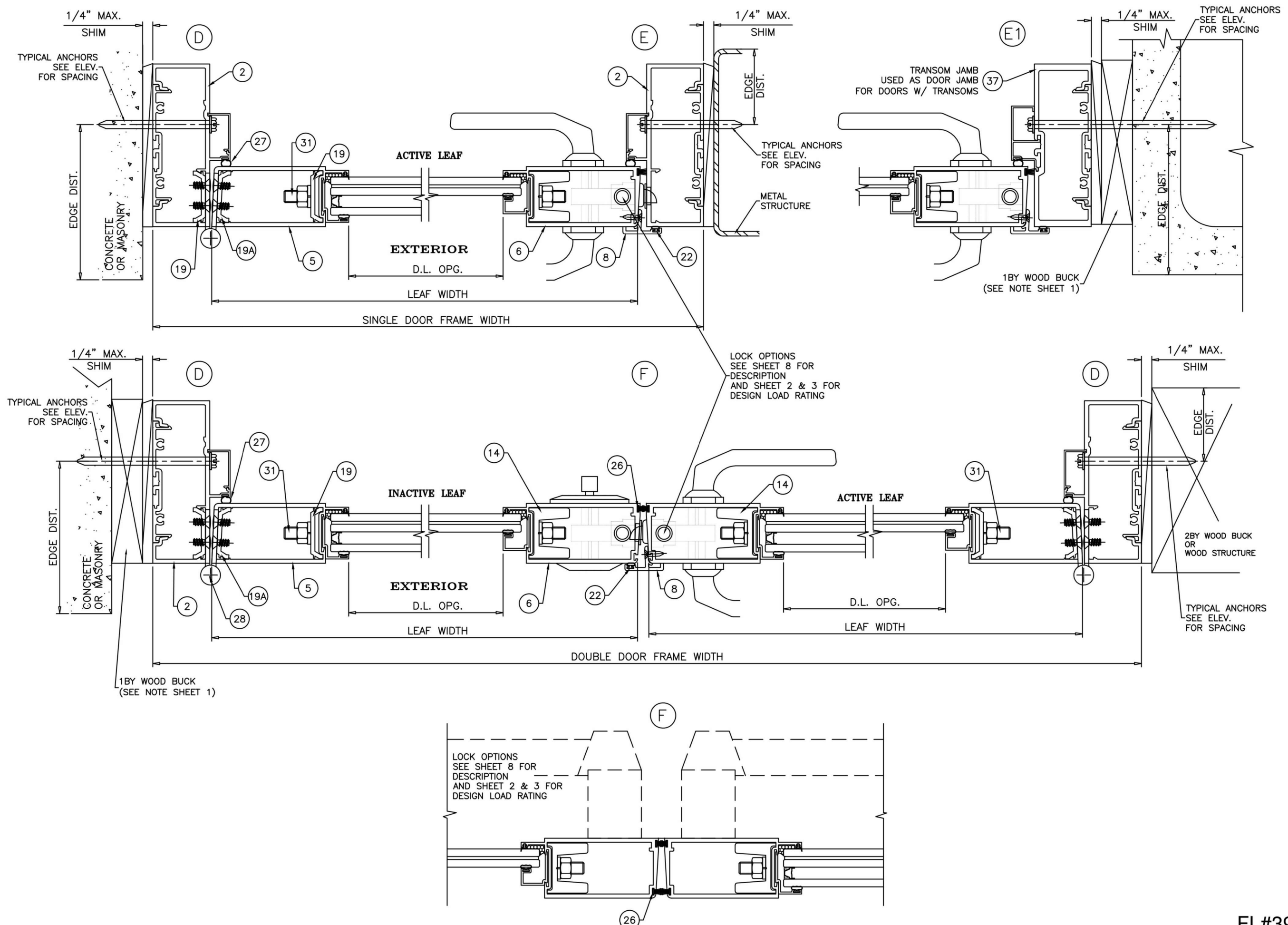


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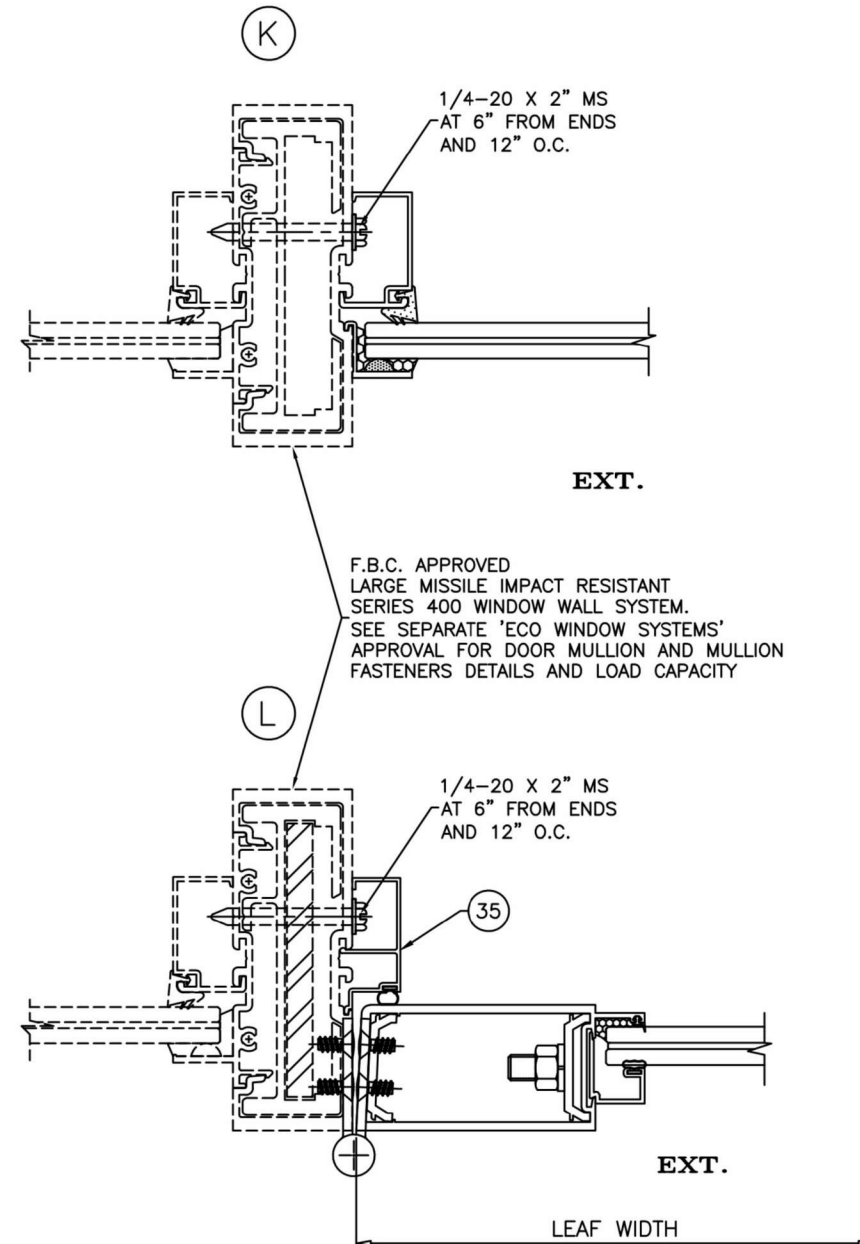
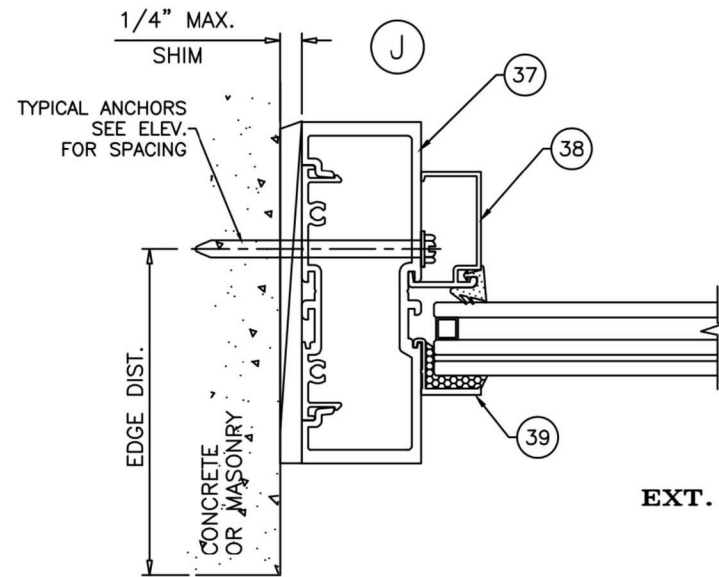
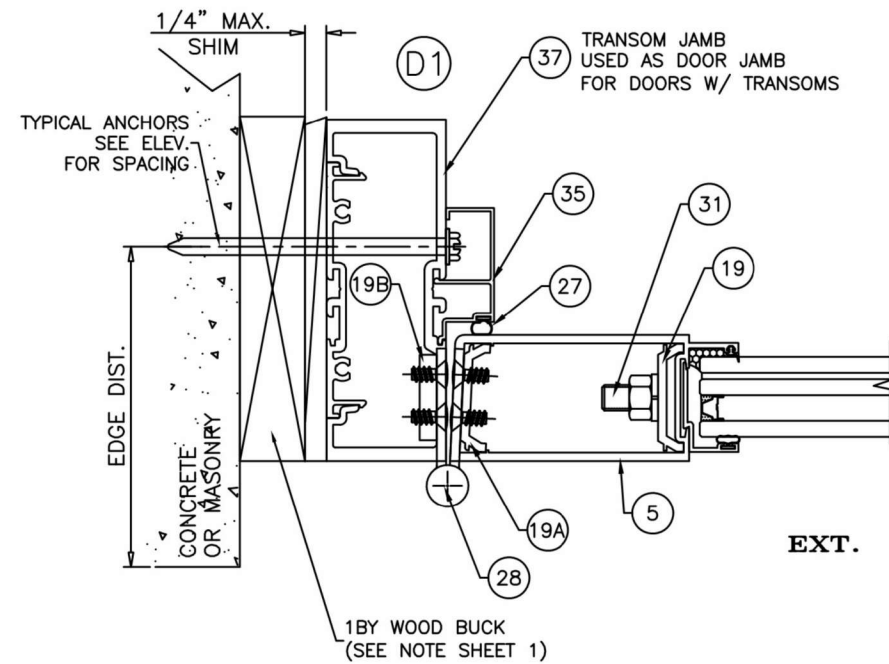
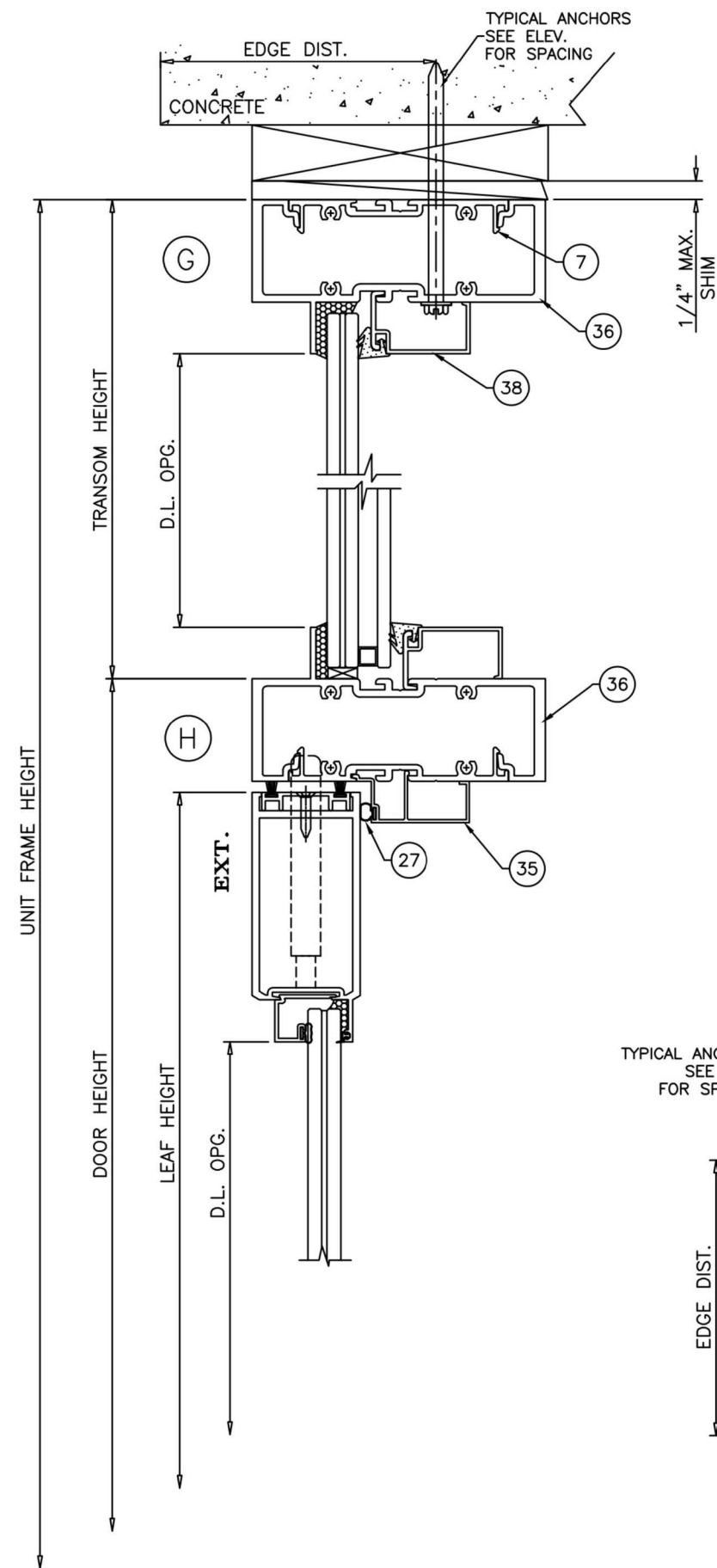
SERIES 800: ALUMINUM OUTSWING ENTRANCE DOOR (L.M.I.)
 LARGE MISSILE IMPACT RATED

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FL#39630.6



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LOCKS:

OPTION #1:

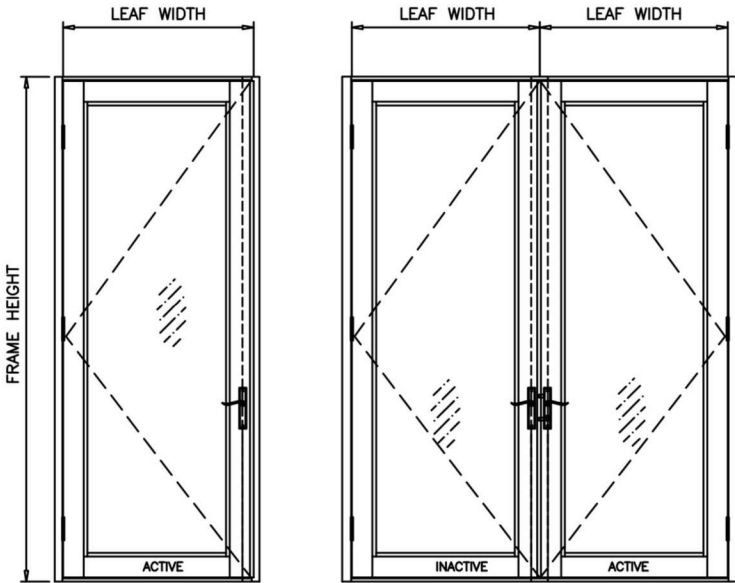
MAX. FRAME HEIGHT = 120-3/8 IN.
MAX. LEAF WIDTH = 41-3/4 IN.

ACTIVE LEAF:

3 POINT LOCK SYSTEM BY 'REGENT' AT 42-1/2"
FROM BOTTOM
HANDLE ACTIVATES 6 PLY HOOK LOCK AND SHOOT BOLTS
ENGAGING AT HEAD AND SILL
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR
FASTENED TO ACTIVE LEAF LOCK STILE WITH
(4) #8 X 1/2" FH SMS

INACTIVE LEAF:

2 POINT LOCK ASSEMBLY BY 'REGENT' AT 42-1/2"
FROM BOTTOM
HANDLE ACTIVATES SHOOT BOLTS ENGAGING AT
HEAD AND SILL
FASTENED TO INACTIVE LEAF LOCK STILE WITH
(2) 6-32 X 5/16" PH MACHINE SCREWS



HINGES:

4-1/2" LONG FLUSH MOUNT STEEL BUTT HINGES BY 'REGENT'
(3) PER LEAF
(1) AT 9" FROM TOP TO CL OF HINGE
(1) AT 7-1/4" FROM OTTOM TO CL OF HINGE
CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE
FASTENED WITH 1/4-20 X 1/2" FH MACHINE SCREWS
FOUR PER HASP(LEAF).

OPTION #2:

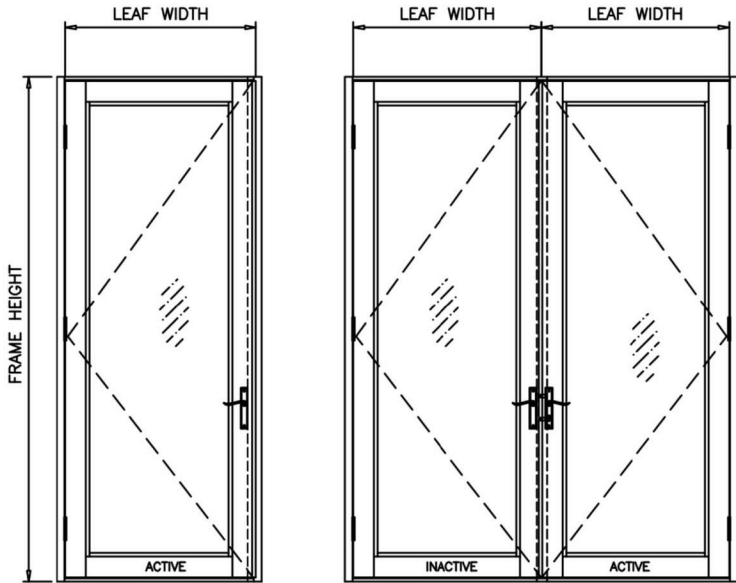
MAX. FRAME HEIGHT = 120-3/8 IN.
MAX. LEAF WIDTH = 41-3/4 IN.

ACTIVE LEAF:

4 POINT LOCK SYSTEM BY 'INTERLOCK' AT 42"
FROM BOTTOM
HANLE ACTIVATES HOOK LOCK AND SHOOT BOLTS
ENGAGING AT HEAD AND SILL
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR
FASTENED TO ACTIVE LEAD LOCK STILE WITH
(2) #8 X 5/16" FH MS
(1) 10-32 X 1-5/8" FH MS

INACTIVE LEAF:

2 POINT LOCK SYSTEM BY 'INTERLOCK' AT 42"
FROM BOTTOM
HANDLE ACTIVATES SHOOT BOLTS ENGAGING AT
HEAD AND SILL
FASTENED TO INACTIVE LEAF LOCK STILE WITH
(2) 8-32 X 2-3/16" OH MS



OPTION #3:

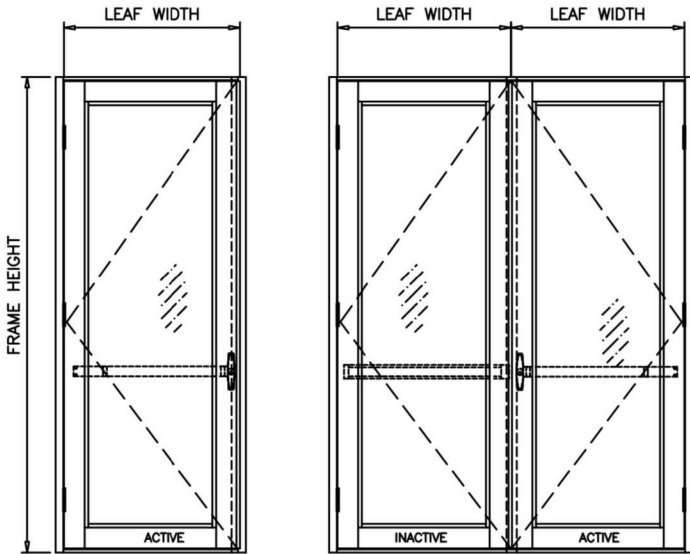
MAX. FRAME HEIGHT = 108 IN.
MAX. LEAF WIDTH = 38-3/4 IN.

ACTIVE LEAF:

'SERIES 5770' CONCEALED VERTICAL ROD PANIC EXIT
DEVICE BY 'REGENT'
LOCATED AT 42-1/2" FROM SILL
FASTENED TO ACTIVE LEAF WITH
(4) #10 X 3/4" FH SDS
(2) 10-32 X 3/4" FH MS
(2) 10-32 X 2" FH MS

INACTIVE LEAF:

'SERIES 5770' CONCEALED VERTICAL ROD PANIC EXIT
DEVICE BY 'REGENT'
LOCATED AT 42-1/2" FROM SILL
FASTENED TO INACTIVE LEAF WITH
(2) 10-32 X 3/4" FH MS
(4) #10 X 3/4" FH MS



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SERIES 800: ALUMINUM OUTSWING ENTRANCE DOOR
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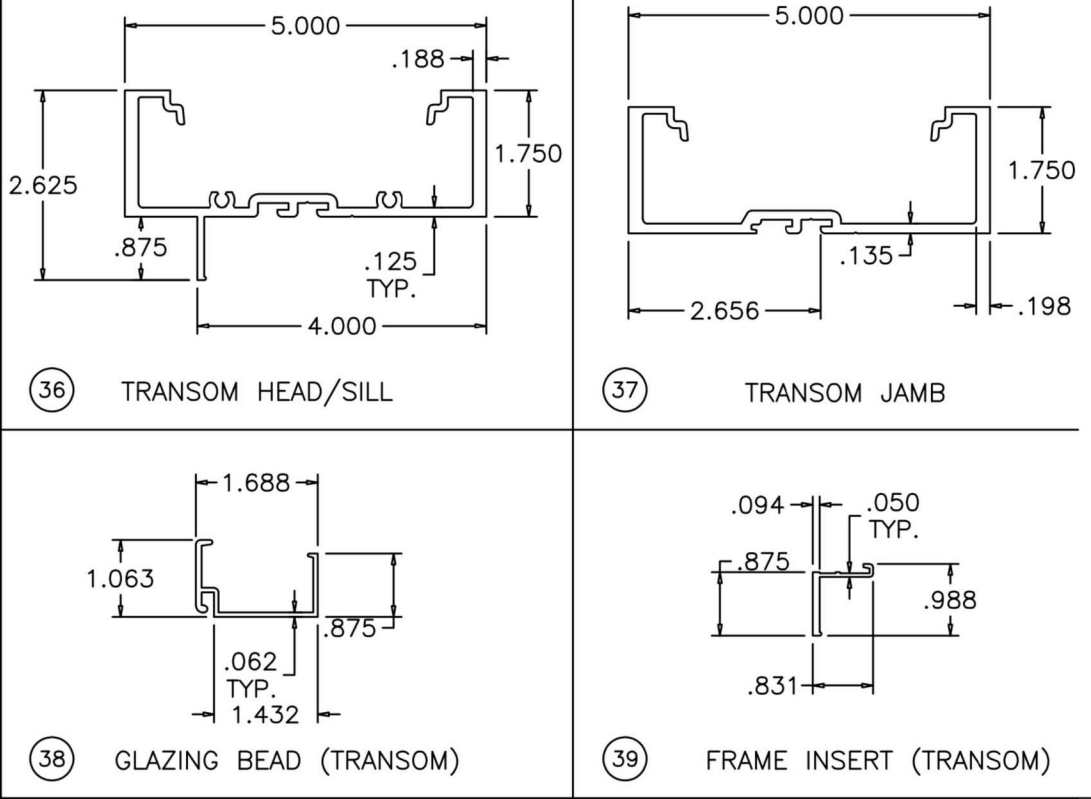
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FL#39630.6

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E801	1	DOOR FRAME HEAD	6063 – T6	–
2	E802	2	DOOR FRAME JAMB	6063 – T6	–
3	E804	1	ADA THRESHOLD	6063 – T6	–
4	E805	2/LEAF	LEAF TOP & BOTTOM RAIL	6063 – T6	–
4A	E808	1/LEAF	10” BOTTOM RAIL	6063 – T6	–
5	E806	1/LEAF	LEAF HINGE STILE	6063 – T6	–
6	E823	1/LEAF	LEAF LOCK STILE	6063 – T6	–
7	UW–402	AS REQD.	SHEAR CLIP. 4” LONG	6063 – T6	–
8	E809	AS REQD.	ASTRAGAL W’STRIP ADAPTER	6063 – T6	–
9	E810	4/LEAF	GLAZING BEAD (INSUL. LAM. GLASS)	6063 – T6	–
9A	E811	4/LEAF	GLAZING BEAD (LAM. GLASS)	6063 – T6	–
10	E816	AS REQD.	ADA THRESHOLD COVER	6063 – T6	–
11	E818	AS REQD.	ADA THRESHOLD RISER	6063 – T6	–
12	E819	AS REQD.	INTERMEDIATE HORIZONTAL TYPE 1	6063 – T6	–
12B	E822	AS REQD.	INTERMEDIATE HORIZONTAL SHEAR BLOCK	6063 – T6	–
13	E820	AS REQD.	DOOR FRAME SNAP COVER	6063 – T6	–
14	E824	AS REQD.	ASTRAGAL STIFFENER	6063 – T6	–
15	E825	AS REQD.	LOCK BACK–UP PLATE	6063 – T6	–
17	E608	AS REQD.	LEAF W’STRIP ADAPTER	6063 – T6	–
17A	#8 X 3/4”	AS REQD.	ADAPTER FASTENER, AT 11” O.C.	6063 – T6	FH SELF DRILLING SCREW
18	E612	AS REQD.	LEAF ALIGNMENT BRACKET	6063 – T6	–
19	E613	AS REQD.	LEAF CLAMP	6063 – T6	–
19A	E613	AS REQD.	HINGE BACKUP PLATE, 9” LONG	6063 – T6	–
19B	–	AS REQD.	ALTERNATIVE HINGE BACKUP PLATE, 9” LONG	ALUMINUM	1/4” X 1–1/4” X 9”
20	E20618.KN3020	AS REQD.	GLAZING VINYL	EPDM	DUROMETER 70±5 SHORE A
21	E815	4/LEAF	SILICONE DAM	EPDM	DUROMETER 70±5 SHORE A
22	E817	AS REQD.	ASTRAGAL SEAL	EPDM	DUROMETER 70±5 SHORE A
24	–	2/LITE	SETTING BLOCK, 1/4” X 1/2” X 4”LONG	EPDM	AT 6” FROM ENDS DUROMETER 65±5 SHORE A
25	–	2/LITE	SETTING BLOCK, 1/4” X 3/4” X 4”LONG	EPDM	AT 6” FROM ENDS DUROMETER 65±5 SHORE A
26	W11323	–	PILE W’STRIPPING	WOOL	ULTRAFAB
27	E20618–KN–3020	–	BULB W’STRIPPING	SANTOPRENE	EPDM
28	–	3/LEAF	BUTT HINGES	ALUMINUM	REGENT
29	1/4–20 X 1/2”	–	HINGE INSTALLATION FASTENERS	–	FH MS
30	#12 X 1–1/4”	AS REQD.	FRAME ASSEMBLY SCREWS	–	HH SELF DRILLING SCREWS
31	–	–	3/8” DIA. THREADED ROD	STEEL	–
33	E812	AS REQD.	DOOR TRANSITION MULLION	6063 – T6	–
34	E813	AS REQD.	TRANSITION MULLION STIFFENER	6063 – T6	–
35	E814	AS REQD.	W’STRIP ADAPTER AT TRANSITION MULLION	6063 – T6	–
36	UW–401	AS REQD.	TRANSOM HEAD/SILL	6063 – T6	–
37	E812	AS REQD.	TRANSOM JAMB	6063 – T6	–
38	UW–404	AS REQD.	GLAZING BEAD (TRANSOM)	6063 – T6	–
39	UW–408	AS REQD.	FRAME INSERT (TRANSOM)	6063 – T6	–
40	–	2/LITE	SETTING BLOCKS (3/16” X 1/2” X 2” LONG)	EPDM	DUROMETER 80±5 SHORE A
42	UW–406	AS REQD.	GLAZING GASKET	NEOPRENE	DUROMETER 55±5 SHORE A

SEALANT:

ALL FRAME/PANEL JOINTS AND SEAMS SEALED WITH SCHNEE MOREHEAD JM5504 SEALANT



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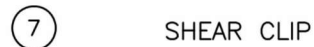
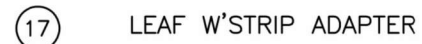
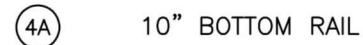
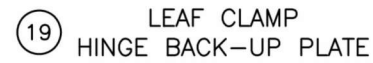
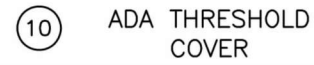
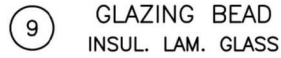


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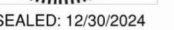
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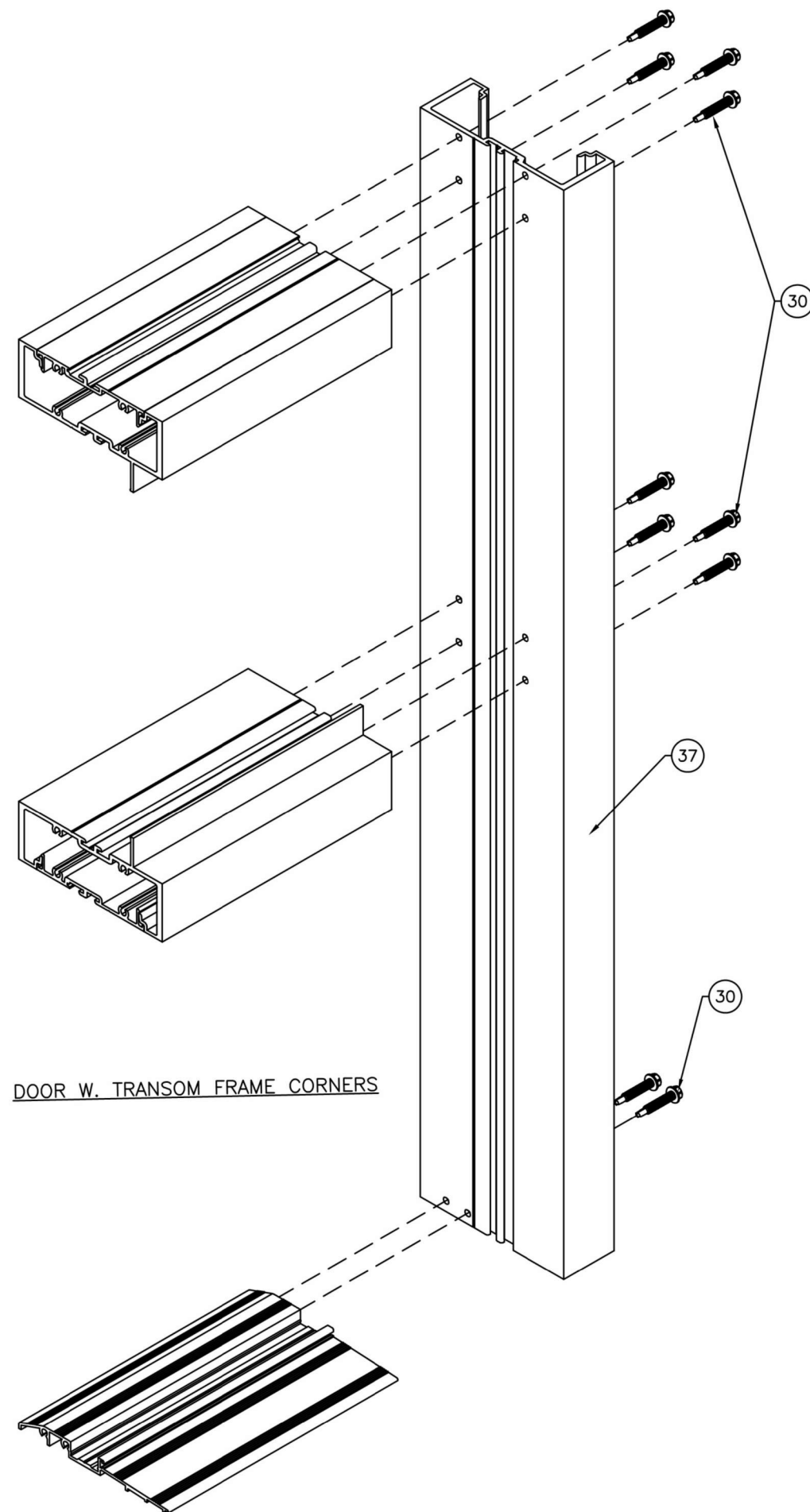
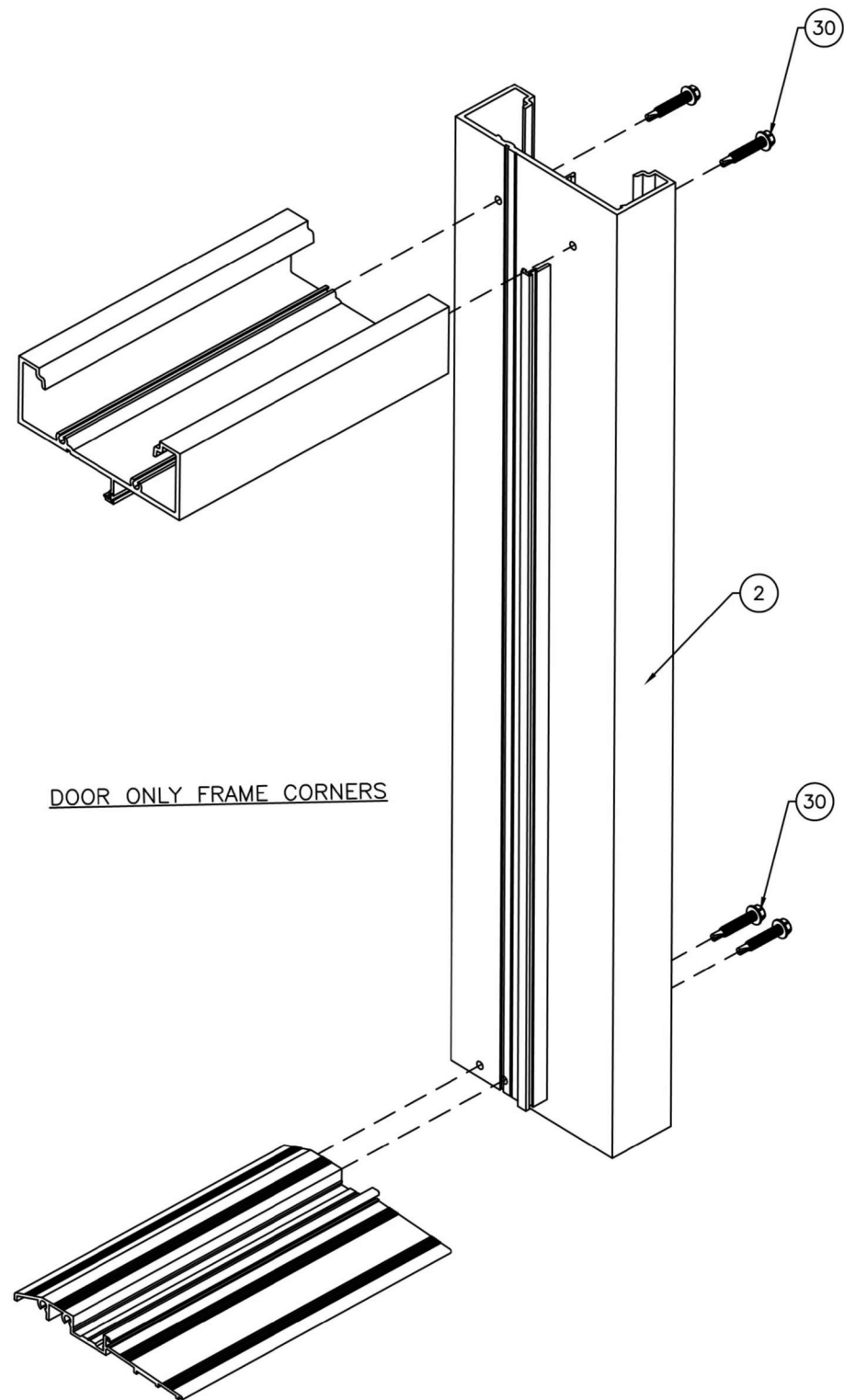
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No.	DATE	BY	DESCRIPTION

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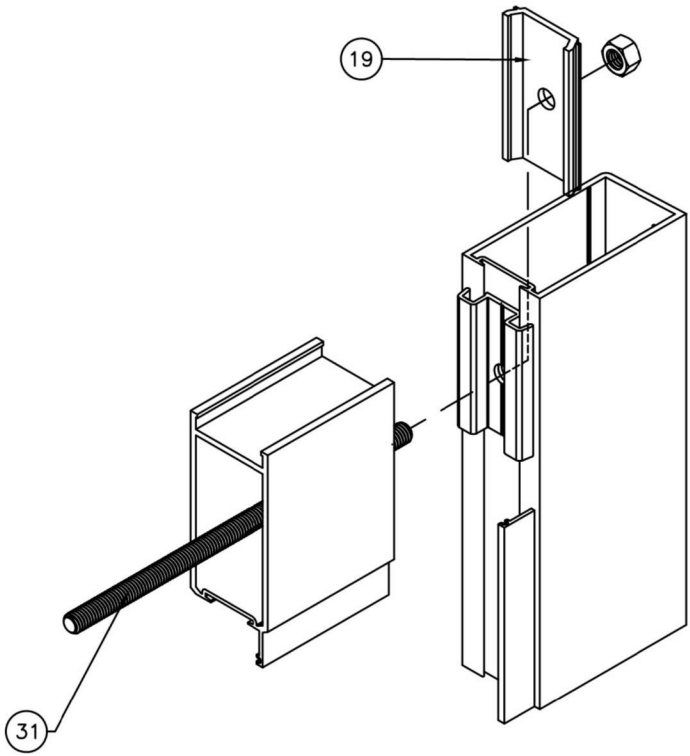
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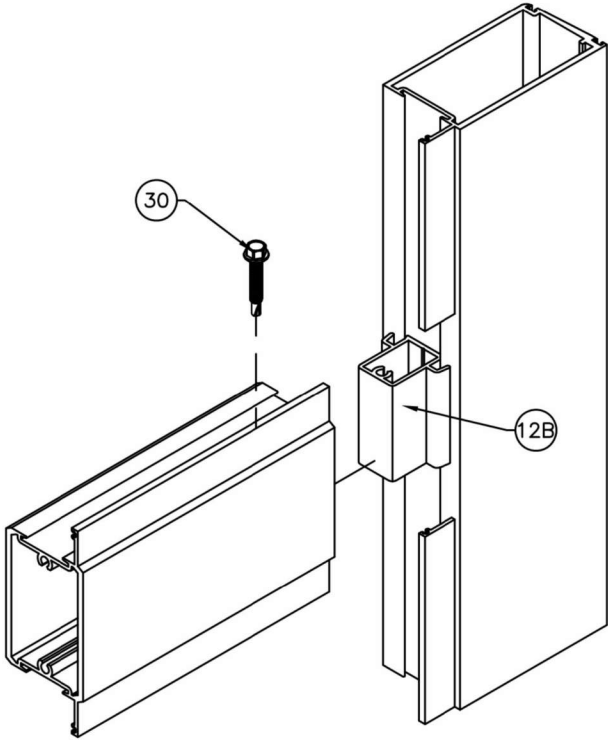
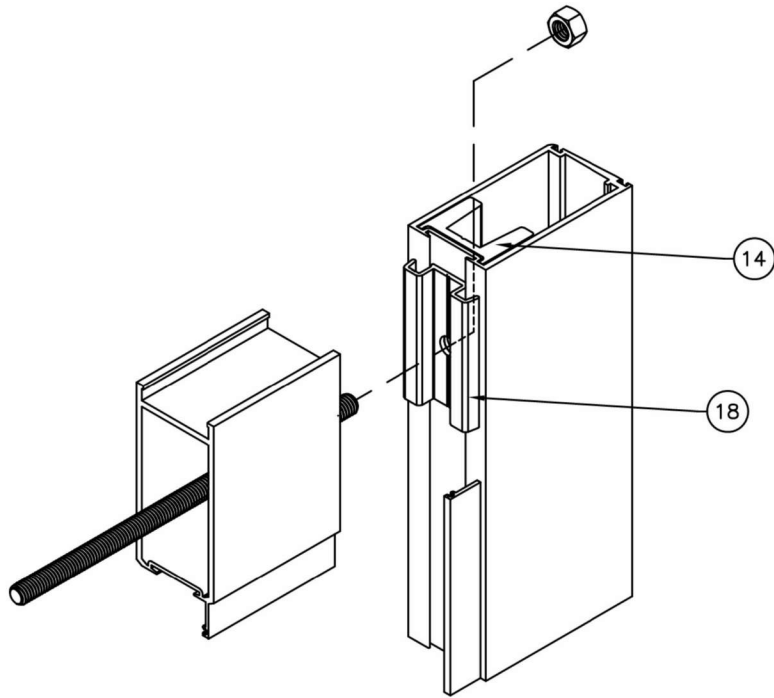
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LEAF TOP/BOTTOM CORNERS



INTERMEDIATE HORIZONTAL CORNERS



PRODUCT EVALUATION REPORT

- Florida Building Code - 8th Edition (2023) -
Per Rule 61G20-3 / Method 1 - D

FL #: **39630.6**

DATE: 12/02/2024

Product Description

Manufacturer: ECO WINDOW SYSTEMS, LLC
Address: 8502 NW 80th St #103, Medley, FL 33166
Model Name: Series 800 Aluminum Outswing Entrance Door (L.M.I.)
Maximum Load: +80.0 PSF / -80.0 PSF (Large Missile Impact)
Drawing No.: JA-1844-24, signed and sealed by Javad Ahmad, P.E. - FL License No. 70592

This product COMPLIES with the 2023 Florida Building Code - 8th Edition (2023 FBC) for use in the High-Velocity Hurricane Zone (HVHZ) per TAS 201/202/203.

For maximum sizes, combination of span vs loads and anchor type refer to installation drawings.

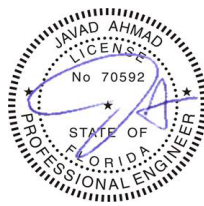
Comparative Analysis used: ☒ YES ☐ NO

Mandatory Tests (Tested in accordance with AAMA 501 / 101 / I.S.2 / NAFS / TAS 202)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
TAS 202-94	Uniform Static Test	Fenestration Testing Laboratory, Inc.	08/18/2016	FTL-8281	Idalmis Ortega, P.E.
Supplemental Tests (Tested in accordance with TAS 201 and TAS-203)					
TEST	DESCRIPTION	TEST LOCATION	TEST REPORT DATE	TEST REPORT #	TEST SEALED BY
TAS 201 & TAS 203	Large Missile Impact & Cyclic Pressure Differentials	Fenestration Testing Laboratory, Inc.	08/18/2016	FTL-8281	Idalmis Ortega, P.E.

Under the limitations of the attached installation drawings, to the best of my knowledge and ability, the above product conforms to the requirements of the 2023 Florida Building Code - 8th Edition (2023 FBC).

Evaluation Report Engineer:

Javad Ahmad, PE
FL P.E.# 70592
EB C.A.N. # 34254
JAVAD AHMAD PE, Inc.



Sealed:
12/02/2024

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